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Document Number 1

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File: DWPI

Aug 31, 1999

DERWENT-ACC-NO: 1999-550145

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TITLE: Disambiguating keyboard for Korean languageINVENTOR: KIM, J B; KUSHLER, C A

PATENT-ASSIGNEE: TEGIC COMMUNICATIONS INC[TEGIN]

PRIORITY-DATA:

APPL-NO

1998US-0009584

APPL-DATE

January 20, 1998

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5945928 A	August 31, 1999	N/A	010	G08B011/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	APPL-DESCRIPTOR
US 5945928A	January 20, 1998	1998US-0009584	N/A

INT-CL (IPC): G08B 11/00

ABSTRACTED-PUB-NO: US 5945928A

BASIC-ABSTRACT:

NOVELTY - Fourteen consonants and ten vowels are assigned to the data keys in the standard alphabetical order. A combination of one or more consonants and one or more vowels is assigned to one or more data keys.

DETAILED DESCRIPTION - The consonants and vowels are provided on left and right sides of the combination data keys respectively. The standard consonant order is KIYEOK, NIEUN, TIKEUT, RIEUL, MIEUM, PIEUP, SIOS, IEUNG, CIEUC, CHIEUCH, KHIEUKH, THIEUTH, PHIEUPH and HIEUH. The standard order of the vowels is A, YA, EO, YEO, O, YO, U, EU AND I. The diphthongs are AE, YAE, E, YE, WA, WAE, OE, WEO, WE, WI and YI. The consonants combination is SSANGKIYEOK, SSANGTIKEUT, SSANGPIEUP, SSANGSIOS and SSANGCIEUC.

USE - For inputting Korean language text into computers.

ADVANTAGE - Reduces keyboard size. Enables easy understanding and quick learning by native speakers of Korean. Efficient for purposes of disambiguating textual interpretation of input keystroke sequences.

DESCRIPTION OF DRAWING(S) - The figure shows the computer touchscreen incorporating a reduced keyboard disambiguating system for Korean language.

ABSTRACTED-PUB-NO: US 5945928A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.2/5

DERWENT-CLASS: T04 U21
EPI-CODES: T04-F01A5; U21-A05D;

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